

What is claimed is:

1. A supportive upper body constraint device, comprising:
a base comprising a foam material with an impression load deflection (ILD)
ratio greater than about 40; and
a cover on the base comprising a foam material with an ILD ratio less than the
base.
2. The device of claim 1 wherein the cover comprises an elastomeric foam
material with an ILD ratio less than about 14.
3. The device of claim 1 comprising opposing support members on the base,
the cover supportingly disposed in a concave contour defining a cavity.
4. The device of claim 3 wherein the cover comprises a material having a
smooth surface.
5. The device of claim 3 wherein the base and support members are unitarily
constructed.
6. The device of claim 1 wherein the cover comprises a foam material with a
density in the range of about 3.8 to 4 pounds per cubic foot.

7. A supportive upper body constraint device, comprising:
- a base comprising a substantially flat longitudinal surface and an inclined surface;
- a pair of opposing support members on the inclined surface; and
- a cover continuously covering the support members and a portion of the inclined surface between the support members comprising a viscoelastic foam material.
8. The device of claim 7 wherein the support members are wedge-shaped, the cover supportingly disposed in a concave contour defining a cavity.
9. The device of claim 7 wherein the cover comprises a smooth surface.
10. The device of claim 7 wherein the base and support members are unitarily formed.
11. The device of claim 7 wherein the base comprises a foam material with an impression load deflection (ILD) ratio greater than 40.
12. The device of claim 7 wherein the cover comprises a foam material with an ILD ratio less than 14.
13. The device of claim 12 wherein the cover comprises a foam material with a density in the range of about 3.8 to 4 pounds per cubic foot.

14. A supportive upper body constraint device, comprising:

a base; and

means supported by the base for constraining the upper body by imparting a supporting engagement continuously molding and adjusting to a shape of the upper body maintaining contiguous contact against the upper body.

15. The device of claim 14 wherein the means for constraining is characterized by a cover comprising a viscoelastic foam material.

16. The device of claim 15 wherein the means for constraining is characterized by opposing support members on the base supporting the cover in a concave contour defining a central cavity.

17. The device of claim 16 wherein the means for constraining is characterized by wedge-shaped support members.

18. The device of claim 14 wherein the base comprises a foam material with an impression load deflection (ILD) ratio greater than 40.

19. The device of claim 15 wherein the means for constraining is characterized by the cover comprising a foam material with an ILD ratio less than 14.

20. The device of claim 15 wherein the means for constraining is characterized by the cover comprising a foam material with a density in the range of about 3.8 to 4 pounds per cubic foot.